

CLAIMS AS FILED IN 49409

6. Moldings for motor vehicle interiors produced of a glass-fiber-reinforced thermoplastic molding composition comprising, based on the total of components A to D and, if desired, E and F, which in total give 100% by weight,

- A 2
- a) as component A, from 10 to 97% by weight of at least one aromatic polyester,
 - b) as component B, from 1 to 50% by weight of at least one particulate graft copolymer whose soft phase has a glass transition temperature below 0°C and whose median particle size is from 50 to 1000 nm,
 - c) as component C, from 1 to 50% by weight of at least one copolymer made from the following monomers
 - c1) a component C1, from 50 to 90% by weight of at least one vinylaromatic monomer, and
 - c2) as component C2, from 10 to 25% by weight of acrylonitrile and/or methacrylonitrile,
 - d) as component D, from 1 to 50% by weight of glass fibers,
 - e) as component E, from 0 to 25% by weight of other compatible polymers homogeneously miscible with components A and/or C or dispersible in these, and
 - f) as component F, from 0 to 10% by weight of conventional additives, such as UV stabilizers, oxidation retarders, lubricants and mold-release agents.

7. Moldings as claimed in claim 6, wherein component A is composed of

- a1) from 60 to 99% by weight of polybutylene terephthalate and
- a2) from 1 to 40% by weight of polyethylene terephthalate.

8. Moldings as claimed in claim 6, wherein component B is composed of

b1) from 50 to 90% by weight of a particulate graft base B1 made from the following monomers

b1.) as component B11, from 75 to 99.9% by weight of a C₁-C₁₀-alkyl acrylate,

b1.2) as component B12, from 0.1 to 10% by weight of at least one polyfunctional monomer having at least two non-conjugated olefinic double bonds, and

b1.3) as component B13, from 0 to 24.9% by weight of one or more other copolymerizable monomers,

and

b2) from 10 to 50% by weight of a graft B2 made from the following monomers

b2.1) as component B21, from 50 to 90% by weight of a vinylaromatic monomer, and

b2.2) as component B22, from 10 to 50% by weight of acrylonitrile and/or methacrylonitrile.

9. Moldings as claimed in claim 6, wherein components B21 and/or C1 are unsubstituted styrene.

10. Moldings as claimed in claim 6, wherein component B1 is composed of components B11 and B12.

11. Moldings as claimed in claim 6, wherein component B is composed of from 10 to

90% by weight of a fine-particle graft copolymer whose median particle size is from 50 to 200 nm and from 10 to 90% by weight of a coarse-particle graft copolymer whose median particle size is from 250 to 1000 nm.

12. Moldings as claimed in claim 6 having one or more of the following features:

- PV 3341 carbon emission < 40 µg of carbon/g 20
- a grade better than 4 as the result of the DIN 50 011/PV 3900 odor test
- Vicat B softening point > 145°C
- ISO 179/1eU impact strength after 1000 h of continuous heat-aging at 130°C > kJ/m² and
- DIN 53457 elongation at break after 1000 h of 30 continuous heat-aging at 130°C > 2%.

13. A method of use of molding compositions as defined in claim 6 for producing moldings for motor vehicle interiors, encompassing the step of thermoforming, extruding, injection molding, calendering, blow molding, compression molding, press sintering, or sintering of the molding compositions.
